



MSDS

MATERIAL SAFETY DATA SHEET

Pentair Water Pool and Spa, 1620 Hawkins Avenue, Sanford, NC 27330
Telephone # For Information: 800-831-7133

24 HOUR EMERGENCY NUMBER (CHEMTEL): USA, Canada, Puerto Rico 800-255-3924;

Outside North American Continent 01-813-248-0585 (Call Collect If Necessary)

1. Product Identification

Product Code: R161187

Product Description: Solution 3 Acid Demand
and Total Alkalinity

Manufactured By: LaMotte Company
802 Washington Avenue
Chestertown, MD 21620

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	7647-01-0 Hydrochloric Acid	0.2	Ceiling 5 ppm (7mg/m ³)	Ceiling 2 ppm
No	7732-18-5 Water	to 100%	None Established	None Established

3. Hazards Overview

Primary Route Of Entry: Skin Ingestion

May irritate eyes and skin. Harmful if swallowed.

HMIS Hazard

Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least

Health: 1 Flammability: 0 Reactivity: 0

Carcinogenicity: None:

Other Health Related Comments:

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4. First Aid Measures

Eye Contact: Flush thoroughly with water for 15 minutes while lifting upper and lower eyelids. Contact physician if irritation develops.

Skin Contact: Flush with water for 15 minutes while removing affected clothing/shoes. If irritation develops, contact physician. Wash clothing prior to reuse.

Ingestion: Drink several glasses of water and rinse mouth. If gastric distress develops, contact physician.

Inhalation: Remove to fresh air.

5. Fire Fighting Measures

Flash Point (Method Used): N/A

LEL: N/A

UEL: N/A

Extinguishing Media: Not a fire hazard

Special Fire Fighting Procedures: N/A

Unusual Fire & Explosion Hazard: N/A

6. Accidental Release Measures

Cover spill with sodium bicarbonate, scoop up neutralized slurry, and place into appropriate container. Dispose according to federal, state, and local regulations. If regulations permits, flush neutralized slurry to drain with excess water.

7. Handling & Storage

Store in cool, dry location away from incompatible materials.

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8. Exposure Controls/Personal Protection

Ventilation

Normal

Protection When Handling

Eye Protection Gloves Lab Coat

Work/Hygenic Practices: Avoid contact with skin, eyes, and clothing. Wash after handling.

9. Physical & Chemical Properties

Appearance: Clear Colorless Liquid

Solubility In Water: Soluble

Odor: None

pH: 1

Vapor Density: <1 (Air=1)

Vapor Pressure: <17 mm Hg @ 20° C

Boiling Point: ca. 100° C

Melting Point: N/A

10. Stability & Reactivity

Stable: Yes

Conditions To Avoid: N/A

Incompatibility (Materials To Avoid): Alkalies, metals

Hazardous Decomposition Products: N/A

11. Toxicological Information

Oral rabbit LD50: 900 mg/kg for concentrated hydrochloric acid.

Target Organs: Skin

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12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

Dispose of according to federal, state, and local regulations.

14. Transportation Information

Not Regulated For Transport

15. Regulatory Information

Chemical Inventory Status

Hazard	Ingredient	USA	Europe	--- Canada ---		Australia	Japan
		TSCA	EC	DSL	NDSL		
Yes	7647-01-0 Hydrochloric Acid	Yes	Yes	Yes	No	Yes	Yes
No	7732-18-5 Distilled Water	Yes	Yes	Yes	No	Yes	Yes

Federal, State, & International Regulations

Ingredient	--- SARA 302 ---		----- SARA 313 -----		CERCLA	RCRA 261.33	TSCA 8(D)
	RQ	TPQ	Listed	Chemical Category			
7647-01-0 Hydrochloric Acid	5000	500	Yes	No	5000	No	No
7732-18-5 Distilled Water	No	No	No	No	No	No	No

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--- SARA 311/312 ---

Hazard Categories

----- Australia -----

**Hazchem
Code**

**Poison
Schedule**

**This MSDS Is
WHMIS Compliant**

Ingredient	Acute	Chronic	Fire	Pressure	Reactivity	Hazchem Code	Poison Schedule	This MSDS Is WHMIS Compliant
7647-01-0 Hydrochloric Acid	Yes	Yes	No	No	No	2R	None Allocated	
7732-18-5 Distilled Water	No	No	No	No	No	None Allocated	None Allocated	
product R161187 as a whole	Yes	No	No	No	No	None Allocated	None Allocated	Yes

16. Other Information

Keep out of reach of children.

Prepared By: Regulatory Affairs Department

Revised: 3/10/2010
